

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A security system comprising:

a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as an Alarm Video; and

a security system server operatively coupled to the security gateway through a first network and through a second network;

wherein the security gateway is configured to transfer **alarm information consisting of** the Alarm Video **and a first notification of the alarm condition** to the security system server in substantially real time through only the first network;

wherein the security gateway is further configured to **transfer to notify** the security system server **a second notification** of the alarm condition through the **first second** network substantially simultaneously with **transferring the alarm information to notifying** the security system server **of the alarm condition** through the **second first** network; and

wherein the security system server thereby receives the Alarm Video, **and two the first notification of the alarm condition, and the second notification notifications** of the alarm condition from the security gateway.

2. (Canceled).

3. (Original) The system of claim 1, wherein the first network is an IP network.

4. (Original) The system of claim 1, wherein the first network is an Ethernet-based network.
5. (Original) The system of claim 1, wherein the first network comprises the Internet.
6. (Original) The system of claim 1, wherein the first network comprises a frame relay network.
7. (Original) The system of claim 1, wherein the first network comprises a hybrid-fiber coaxial network.
8. (Original) The system of claim 1, wherein the first network comprises a fiber-optic network.
9. (Original) The system of claim 1, wherein the first network comprises a DSL network.
10. (Original) The system of claim 1, wherein the first network comprises an ATM network.
11. (Original) The system of claim 1, wherein the first network comprises a high-speed fixed wireless network.
12. (Original) The system of claim 1, wherein the first network comprises a high-speed mobile communications network.

13. (Original) The system of claim 1, wherein the second network comprises a public switched telephone network.

14. (Original) The system of claim 1, wherein the second network comprises a fixed wireless network.

15. (Original) The system of claim 1, wherein the second network comprises a mobile communications network.

16. (Original) The system of claim 1, wherein the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said audio referred to hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said Alarm Audio to the security system server through the second network in substantially real time.

17. (Original) The system of claim 1, wherein the security system server is configured to provide notification of the alarm condition to a public safety agency.

18. (Original) The system of claim 17, wherein the security system server is further configured to provide the Alarm Video to the public safety agency.

19. (Previously Presented) The system of claim 1, wherein the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said audio referred to hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said Alarm Audio to the security system server through the first network in substantially real time.

20. (Currently Amended) A security system comprising:

a security gateway located at a premises,

wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as an Alarm Video,

wherein the security gateway further comprises a network interface, and

wherein the network interface is configured to connect the security gateway to a cable headend through a first network, wherein said first network is a hybrid-fiber-coaxial network; and

a security system server configured to connect to the cable headend through a second network,

wherein the security gateway is configured to transfer to notify the security system server alarm information consisting of a first notification of the alarm condition ~~through the second network~~ and ~~to transfer~~ the Alarm Video ~~to the security system server~~ in substantially real time only through the second network;

wherein the security gateway is operatively coupled to the security system server through a third network, the security gateway being further configured to transfer to notify the security system server a second notification of the alarm condition through the third network;

wherein the security gateway is configured to transfer the alarm information to notify the security system server ~~of the alarm condition~~ through the second network substantially simultaneously with transferring the second notification of the alarm condition to notifying the security system server ~~of the alarm condition~~ through the third network, and

wherein the security system server is configured to receive the Alarm Video through the second network, to receive ~~[[a]]~~ the first notification of the alarm condition through the second network, and to receive ~~another~~ the second notification of the alarm condition through the third network.

21. (Original) The system of claim 20, wherein the second network is a dedicated bandwidth network.

22. (Original) The system of claim 20, wherein the second network comprises a frame relay network.

23. (Original) The system of claim 20, wherein the second network comprises an ATM network.

24. (Original) The system of claim 20, wherein the second network comprises a managed IP connection having quality of service.

25. (Canceled).

26. (Previously presented) The system of claim 20, wherein the third network comprises a public switched telephone network.
27. (Previously presented) The system of claim 20, wherein the third network comprises a fixed wireless network.
28. (Previously presented) The system of claim 20, wherein the third network comprises a mobile communications network.
29. (Previously Presented) The system of claim 20, wherein the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said audio referred hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said Alarm Audio to the security system server through the second network in substantially real time.
30. (Original) The system of claim 20, wherein the security system server is configured to provide notification of the alarm condition to a public safety agency.
31. (Original) The system of claim 30, wherein the security system server is further configured to provide the Alarm Video to the public safety agency.
- 32-46. (Canceled).

47. (Previously Presented) The system of claim 1, wherein the security gateway is further configured to detect if connectivity with the security system server through the first network is lost and notify the security system server by sending a notification signal through the second network of the loss of connectivity through the first network.

48. (Previously Presented) The system of claim 1, wherein the security gateway is further configured to notify the security system server in the event that connectivity with the security system server through the first network is lost while the security gateway is disarmed and the security gateway is armed before connectivity with the security system server through the first network is restored.

49. (Previously Presented) The system of claim 48, wherein the security gateway is further configured to detect if connectivity with the security system server through the first network is lost and notify the security system server by sending a notification signal through the second network of the loss of connectivity through the first network.

50. (Previously Presented) The system of claim 20, wherein the security gateway is further configured to detect if connectivity with the security system server through the second network is lost and notify the security system server by sending a notification signal through the third network of the loss of connectivity through the second network.

51. (Previously Presented) The system of claim 20, wherein the security gateway is further configured to notify the security system server in the event that connectivity with the security system server through the second network is lost while the security gateway is disarmed and the security gateway is armed before connectivity with the security system server through the second network is restored.

52. (Previously Presented) The system of claim 51, wherein the security gateway is further configured to detect if connectivity with the security system server through the second network is lost and notify the security system server by sending a notification signal through the third network of the loss of connectivity through the second network.

53-56. (Canceled)

57. (Currently Amended) A security system comprising:

a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, the video hereinafter referred to as an Alarm Video;

a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to transfer to notify the security system server alarm information consisting of a first notification of the alarm condition and ~~to transfer~~ the Alarm Video ~~to the security system server~~ through the first network in substantially real time and wherein the security system server is remotely located relative to the security gateway;

a monitoring center operatively coupled to said security gateway through a second network, wherein the security gateway is configured to transfer to notify the monitoring center a second notification of the alarm condition without transferring the Alarm Video through the second network, wherein the monitoring center is remotely located relative to the security gateway and the security system server and wherein the monitoring center is further operably coupled to the security system server; and

wherein the monitoring center is configured to transfer to notify the security system server a third notification of the alarm condition.

58. (Currently Amended) The system of claim 57, wherein the monitoring center is operatively coupled to the security system server through a third network and wherein the monitoring center is configured to transfer to notify the security system server the third notification of the alarm condition through the third network.

59. (Currently Amended) The system of claim 58, wherein the security gateway is configured to transfer to notify the security system server ~~[[of]]~~ the alarm ~~condition~~ information through the first network substantially simultaneously with transferring to notifying the monitoring station the second notification of the alarm condition through the second network.

60. (Currently Amended) The system of claim 57, wherein the monitoring center is operatively coupled to the security system server through the first network and wherein the monitoring center is configured to transfer to notify the security system server the third notification of the alarm condition through the first network.

61. (Currently Amended) The system of claim 60, wherein the security gateway is configured to transfer to ~~notify~~ the security system server ~~[[of]]~~ the alarm ~~condition~~ information through the first network substantially simultaneously with transferring to ~~notifying~~ the monitoring station the second notification of the alarm condition through the second network.